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Robert Fiore
Robert Fiore

PATENT

Avery Ref: 2991-US

Old Atty Docket No.: 11286-01115

New Atty Docket No.: 67136-5038

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Brian R. McCarthy, Steven Craig Weirather,
Charles Thurmond Patterson, Tony Lee
Scroggs, Sunjay Yedehalli Mohan, and
Patricia L. Cross (**As Amended**)

Serial No. 09/872,353

Filed: June 1, 2001

For: **SHEET OF PRINTABLE BUSINESS
CARDS**

Group Art Unit: 1772

Examiner: Alicia Ann Chevalier

Confirmation No. 3630

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF RONALD UGOLICK, Ph.D.

Sir:

I, Ronald Ugolick, hereby declare that:

1. My business address is: c/o Avery Dennison Corporation, Office Products,
North America, 50 Pointe Drive, Brea, CA 92821.

2. My work experience includes:

Avery Dennison Office Products Division, 1/00 to present – Product Development/Intellectual Property Manager/Patent Agent responsible for new product development for Small Business Communications and E-Media groups which include business cards and CD/DVD labels. Also responsible for intellectual property portfolio management for Avery Dennison Office Products worldwide.

Avery Research Center, 3/86 to 12/99 – Senior Research Chemist/Research Associate. Responsibilities included synthesis and compounding of acrylic-based and rubber-based adhesives for industrial

fabrication applications. Investigated feasibility of coextrusion of films and adhesives for premium packaging applications. Functioned as exchange scientist/liaison between Avery Research Center and Shell Chemical Company working on adhesive release systems.

Uniroyal, Inc., 7/85 to 3/86 – Research Chemist. Work focused on modifying liquid ethylene, propylene copolymers and catalytic cure systems for use as telephone splice encapsulants.

3. My undergraduate and graduate college education includes:

Claremont Graduate University	9/99 – 12/01	MS Finan. Engin. 12/01
Claremont Graduate University	9/98 – 9/00	Executive MBA 9/00
University of Southern California	9/81 – 7/85	PhD (Chemistry) 6/86
University of California, Berkeley	9/79 – 9/81	MS (Chemistry) 12/81
University of California, Los Angeles	9/75 – 6/79	BS (Chemistry) 6/79

4. I am an inventor/coinventor of seven U.S. patents (as well as numerous U.S. pending applications and foreign patents and applications). These patents relate primarily to adhesives and office products.

5. I am a co-author of:

"Reactions of Organocyclopropanes and Spirocycles with Metal Atoms," J. A. Gladysz, J. G. Fulcher, R. C. Ugolick, A. J. Lee Hanlan, and A. B. Bocarsly, J. Am. Chem. Soc., 1979, 101, 3388.

"Chemistry via Metal Atom Cocondensation: Isomerization and Complexation Reactions of Organocyclopropanes and Spirocycles," A. J. Lee Hanlan, R. C. Ugolick, J. G. Fulcher, S. Togashi, A. B. Bocarsly, and J. A. Gladysz, Inorg. Chem., 1980, 19, 1543.

6. I have studied the above-captioned U.S. patent application Serial No. 09/972,353 ('353) (Publication No. US 2002/0047263).

7. The '353 application discusses "ultraremovable adhesives" in paragraph [0023] copied below, in part:

[0023] The ultraremovable adhesive is peeled off with the paper waste strips and the cover strips thereby providing a clean back side to the cardstock sheet (and thereby the printed media). The clean back side(s) (even when a coating thereon is provided) advantageously can be written on, that is, it accepts pencil, ink and even inkjet and laser printing. The ultraremovable adhesive sticks to the paper allowing for easy removal and disposal of the paper strips, and even though it is tacky it does not stick to anything permanently. In contrast, the "Paper Direct" product uses a

removable adhesive. (Generally, adhesions of "ultraremovable . . . adhesives at their highest adhesion levels (to a surface such as stainless steel) are roughly half of what they are for conventional "removable" adhesive. A fundamental difference is that conventional adhesives provide complete contact with a substrate while ultraremovable adhesive provide partial contact. This limited contact area is what prevents an ultraremovable adhesive from becoming permanent, over time.)

8. The '353 application also discusses "ultraremovable adhesives" in paragraph [0104] copied below, in part:

[0104] . . . Referring to FIG. 37, the liner strips 844 are preferably paper strips adhered to the facestock sheet with ultraremovable adhesive 848. The ultraremovable adhesive 848 can be the Fasson water-base acrylic suspension polymer (made per U.S. Pat. No. 5,656,705) or the CleanTac II adhesive available from Moore. As an example, the liner strips 844 can be 50# pre-primed uncoated litho paper (white or canary).

9. As is known to those skilled in the art, a removable adhesive is characterized by clean removability from a first surface with the sticky pressure-sensitive adhesive (psa) remaining on the opposing surface.

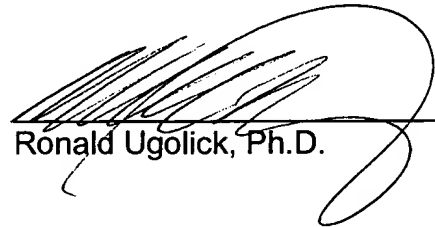
10. An ultraremovable adhesive, as explained in the subject application as well as in the article "Analytical Methods Optimize Ultraremovables" (Ingrid Brase, et al., *Converting Magazine*, December 2000), cited earlier in the prosecution of this application, is a removable adhesive that does not become permanent over time.

11. An example of an ultraremovable adhesive is that used in 3M's POST-IT notes. After removing one of these notes from a pad of same, applying the note (adhesive strip side down) to a surface and then later peeling the note off of the surface, the surface is left non-tacky, while the adhesive strip portion of the note remains tacky.

12. Thus, an ultraremovable adhesive as would be known to those skilled in the art from the present application allows the printed business cards to be removed from the liner sheet with the back side surfaces of the business cards being non-tacky and the exposed portion of the liner sheet being tacky. This subject matter was described in the specification in sufficient detail as to reasonably convey to those skilled in the art that the inventors possessed the claimed invention at the time the application was filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: September 13, 2006



Ronald Ugolick, Ph.D.